| Ind | ex of | Claim | S |
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| Application No. | Applicant(s)  | :   |
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| 10/716,965      | ARITA, KIYOSH | l . |
| Examiner        | Art Unit      |     |
| Thanh T. Nguyen | 2813          |     |

| , | Rejected | 1 | (Through numeral)<br>Cancelled |
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| = | Allowed  | + | Restricted                     |

| N | Non-Elected  |  |
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| A | Appeal   |
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| Cla         | aim      |           |          |              |          | Date         |              |            |   |          | ::::[ | Cl       | aim      |          |   |            |          | Date     | <br>e    |          |
|-------------|----------|-----------|----------|--------------|----------|--------------|--------------|------------|---|----------|-------|----------|----------|----------|---|------------|----------|----------|----------|----------|
| 516         |          | -         |          |              | T        | <u> </u>     | Ť            |            |   | $\dashv$ |       |          |          |          |   |            |          |          |          | _        |
| Final       | Original | 11/15/04  |          |              | :        |              |              |            |   |          |       | Final    | Original |          |   |            |          |          |          |          |
|             | 1        | +         |          | -            | _        | $\vdash$     | -            | ┢          |   | $\dashv$ |       |          | 51       | _        |   | _          | _        | -        |          | Г        |
|             | 2        | 1         |          |              |          |              | _            |            | П                                       |          |       |          | 52       |          |   | -          |          |          |          | Г        |
|             | 3        | П         | _        |              |          |              | Τ            | Г          |   |          |       |          | 53       |          |   |            |          |          |          | Г        |
|             | 4        |           |          |              |          | Π            |              |            |   |          |       |          | 54       |          |   |            |          |          |          | Γ        |
|             | 5        | $\sqcap$  | _        |              |          | T            |              |            |   |          |       |          | 55       |          |   |            |          |          |          | Γ        |
|             | 6        | П         |          |              |          |              |              |            | П                                       |          |       |          | 56       |          |   |            |          |          |          | Γ        |
|             | 7        | П         |          |              |          | Г            |              |            | П                                       | $\neg$   |       |          | 57       |          |   |            |          |          |          | Γ        |
|             | 8        | П         |          |              |          |              |              | Π          | П                                       |          |       |          | 58       |          |   |            |          |          |          | Г        |
|             | 9        | П         |          |              |          |              |              |            |   |          |       |          | 59       |          |   |            |          |          |          |          |
|             | 10       | П         | Г        |              |          |              |              |            |   |          | •     |          | 60       |          |   |            |          |          |          |          |
|             | 11       | П         |          |              |          |              |              |            |   |          |       |          | 61       |          |   |            |          |          |          |          |
|             | 12       |           |          |              |          |              |              |            |   |          |       |          | 62       |          |   | Ì          |          |          |          |          |
|             | 13       |           |          |              |          |              |              |            |   |          |       |          | 63       |          |   |            |          |          |          | Ĺ        |
|             | 14       | П         |          |              |          |              |              |            |   |          |       |          | 64       |          |   |            |          |          |          |          |
|             | 15       |           |          |              |          |              |              |            |   |          |       |          | 65       |          |   |            |          |          |          |          |
|             | 16       | П         |          |              |          |              |              |            |   |          |       |          | 66       |          |   |            |          |          |          |          |
|             | 17       |           |          |              |          |              |              |            |   |          |       |          | 67       |          |   |            |          |          |          | L        |
|             | 18       |           |          |              |          |              |              |            |   | $\Box$   |       |          | 68       |          |   | _          |          |          |          |          |
|             | 19       | Ц         |          | _            | _        | _            | _            |            |   |          |       |          | 69       |          |   | L          |          |          |          |          |
|             | 20       |           |          | L            |          | _            |              |            |   |          |       |          | 70       |          | _   | L          | L        |          | L        | L        |
|             | 21       |           |          |              |          | _            | <u>L</u> .   |            |   |          |       |          | 71       |          |   |            |          |          |          | L        |
|             | 22       |           |          |              |          |              |              | <u> </u>   | Ш                                       |          |       |          | 72       | _        |   |            |          |          |          |          |
| L           | 23       | Ш         |          |              |          |              |              |            |   |          |       |          | 73       |          |   |            |          |          |          | L        |
|             | 24       | Ш         | <u> </u> | <u></u>      |          |              | <u> </u>     | <u> </u>   |   | _        |       |          | 74       |          | _   | lacksquare | _        | _        | _        | L        |
|             | 25       | $\perp I$ |          | L            |          | 匚            |              | L          | Ш                                       | _        |       |          | 75       | ļ        | $ldsymbol{ld}}}}}}$ | <u> </u>   | <u> </u> | L_       | L_       | L        |
|             | 26       | Ц         | _        | _            |          | $oxed{oxed}$ |              | <u> </u>   | $\sqcup$                                | _        |       |          | 76       |          | <u> </u>  | <u> </u>   | <u> </u> |          | <u> </u> | L        |
|             | 27       | ÷         | _        | _            |          | L.           | _            | <u> </u>   |   |          |       |          | 77       |          | _   | _          | <u> </u> | <u> </u> | <u> </u> | L        |
| <u> </u>    | 28       | _         | L        | ļ.,          | L_       | <u> </u>     | _            | L          | Ш                                       |          |       |          | 78       | _        | <u> </u>  | _          | <u> </u> | _        |          | L        |
| <u> </u>    | 29       | <u> </u>  | ╙        |              | _        | _            | _            | ┺          | Ш                                       |          |       |          | 79       | _        | <u> </u>  | <u> </u>   | _        |          | <u> </u> | L        |
|             | 30       | <b> </b>  | <u> </u> |              | _        |              | ╙            | <u> </u>   | $\perp$                                 | _        |       |          | 80       |          | _   | <u> </u>   | <u> </u> | _        |          | L        |
|             | 31       | <u> </u>  | ⊢        | <u> </u>     | <u> </u> | <u> </u>     | <del> </del> | ـــ        | $\vdash$                                | _        |       |          | 81       |          |   | -          | <u> </u> |          |          | L        |
| ļ           | 32       | ├_        | ├_       | _            | _        | ┞            | ļ            | <b>↓</b> _ | Н                                       | _        |       |          | 82       | <u> </u> |   | <u> </u>   | <u> </u> | _        |          | ┡        |
|             | 33       | <u> </u>  | ╙        |              | <u> </u> | ┞-           | <u> </u>     | ╄          | Ш                                       |          | :::   |          | 83       | <u> </u> | _   | _          | ļ.       | _        | L        | ⊢        |
|             | 34       | -         |          |              | L        | ▙            | ┡            | ╀          |   | —        |       |          | 84       |          | -   | ├          | -        | -        | _        | ┞        |
|             | 35       | ├         | ⊢        |              | _        | ┞            | ┡            | <u> </u>   | $\vdash$                                | _        |       |          | 85       | -        |   | ⊢          | -        | -        | -        | ┡        |
|             | 36       | ⊢         | ├-       |              | <u> </u> | ⊢            | ⊢            | ┼          |   |          |       |          | 86       | _        | _   | ├-         |          |          | ⊢        | ⊢        |
|             | 37       | -         | ├        | ┢            | ⊢        | ⊢            | ├-           | ╀          | $\vdash$                                |          |       |          | 87       | ├        | -   | -          | ₩        | ⊢        | $\vdash$ | ⊬        |
|             | 38       | ├         | ├        | ⊢            | -        | ├-           | ├-           | ├-         | -                                       |          |       |          | 88       | -        | -   | $\vdash$   | ├        | _        | -        | ┝        |
| <u> </u>    | 39<br>40 | -         | -        | ├-           | ├        | ├            | ⊢            | ╀          | $\vdash$                                | -        |       |          | 89<br>90 | <u> </u> | -   | ├-         | -        | ├-       | -        | ⊬        |
| -           |          | ⊢         | ├        | ┢            | -        | ⊢            | ├            | ╀          | $\vdash$                                |          | :     |          | 91       | -        | -   | -          | -        | ├        | $\vdash$ | ┝        |
|             | 41<br>42 | -         | -        | ├            | _        | ┢            | ┝            | ╁          | $\vdash$                                |          |       |          | 92       | ⊢        | $\vdash$  |            | _        | -        | ⊢        | ⊢        |
| <u> </u>    | 42       |           | ╁        | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | +-         | $\vdash$                                |          | :::   |          | 93       |          | -   | $\vdash$   | $\vdash$ | -        | $\vdash$ | $\vdash$ |
| <b></b>     | 44       | -         | $\vdash$ | <del> </del> | -        | +-           | $\vdash$     | +-         | $\vdash$                                |          |       |          | 94       | Η-       | ┰   | $\vdash$   | $\vdash$ |          | $\vdash$ | $\vdash$ |
| <del></del> | 45       | $\vdash$  | $\vdash$ | +            | $\vdash$ | +-           | +            | +          | $\vdash$                                |          |       |          | 95       | $\vdash$ | -   | -          |          | ┢        | ⊢        | t        |
|             | 46       |           | $\vdash$ | $\vdash$     | $\vdash$ | -            | ╁            | ╁          | $\vdash$                                | -        |       |          | 96       | ┢        | $\vdash$  | ├─         | -        | +-       | $\vdash$ | ╁        |
| -           | 47       | $\vdash$  | -        | <del> </del> | -        | +-           | ╆            | +          | $\vdash$                                | $\dashv$ |       |          | 97       | -        | -   | $\vdash$   |          | -        | -        | $\vdash$ |
| -           | 48       | -         | +-       | $\vdash$     | -        | +-           | ╁            | $\vdash$   | $\vdash$                                |          |       | -        | 98       | $\vdash$ | ┢   | $\vdash$   | -        | $\vdash$ | $\vdash$ | ╁        |
|             | 49       | +-        | +-       | ⊢            | $\vdash$ | +            | +-           | +-         | Н                                       | $\dashv$ |       | <u> </u> | 99       | -        | -   | $\vdash$   | -        | $\vdash$ | Н        | H        |
| -           | 50       | +         | $\vdash$ | +-           |          | $\vdash$     | 1-           | +-         |   |          |       | <u> </u> | 100      | ⊢        | -   | $\vdash$   | -        | $\vdash$ | $\vdash$ | H        |
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|     | Cla       | aim  | Date     |          |              |  |              |          |          |              |  |
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|     | Final     | Ē  |          |          |              |  |              |          |          |              |  |
|     | _         | Original   |          |          |              |  |              |          |          |              |  |
|     |           |  | -        | -        |              |  | _            | —        | _        | -            | _  |
|     |           | 101  |          |          | _            |  |              |          |          | -            |  |
|     |           | 102  | _        |          |              |  | _            |          |          |              |  |
|     |           | 102<br>103   |          |          | _            |  |              |          |          |              |  |
|     |           | 104  |          |          |              |  |              |          |          |              |  |
|     |           | 105  |          |          |              |  |              |          |          |              |  |
|     |           | 105<br>106<br>107                                    |          |          |              |  |              |          |          |              |  |
|     |           | 107  |          |          |              |  |              |          |          |              |  |
|     |           | 108  |          |          |              |  |              |          |          |              |  |
| : : |           | 109  |          |          | _            |  |              |          |          |              |  |
| ::: |           | 110  |          |          | _            | _  | _            |          | _        | _            |  |
|     |           | 111  | Н        |          | _            | $\vdash$   | $\vdash$     | -        |          | -            | $\vdash$   |
| ::  |           | 112  |          |          | _            | $\vdash$   | -            |          |          |              | Н  |
|     |           | 112  |          |          | $\vdash$     | -  | $\vdash$     | $\vdash$ |          |              | $\vdash$   |
|     |           | 113  |          |          | H            | H  | $\vdash$     |          |          | <u> </u>     | Н  |
|     |           | 113<br>114<br>115                                    | $\vdash$ |          | H            |  | $\vdash$     | <u> </u> |          | -            | Н  |
|     |           | 115  |          | _        |              | _  | _            | _        | -        |              |  |
| ::  |           | 116  |          | <u> </u> | _            |  | <u> </u>     |          |          | Ш            |  |
|     |           | 117  |          |          |              |  | L            |          | _        |              | _  |
|     |           | 118<br>119   |          |          |              |  | L            |          |          |              |  |
|     |           | 119  |          |          |              |  |              |          |          |              |  |
|     |           | 120  |          |          | L            |  |              |          |          |              |  |
|     |           | 121  |          |          |              | L  |              |          |          |              |  |
|     |           | 122  |          |          |              |  |              |          |          |              |  |
|     |           | 123  |          |          |              |  |              |          |          |              |  |
|     |           | 124  |          |          |              |  |              |          |          |              |  |
|     |           | 125  |          |          |              |  | Г            |          |          |              |  |
|     |           | 126  |          |          | Г            |  |              |          |          |              |  |
|     |           | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128 |          |          |              |  |              |          |          |              |  |
|     |           | 128  |          |          |              |  |              |          |          |              |  |
|     |           | 129  |          |          |              | $\vdash$   |              | Г        |          |              |  |
|     |           | 130  | $\vdash$ |          |              |  |              |          | _        |              |  |
|     |           | 131  | Г        |          |              |  | _            | _        |          |              |  |
|     |           | 132  | $\vdash$ |          |              | _  | _            | -        | _        | $\vdash$     | $\vdash$   |
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|     |           | 129<br>130<br>131<br>132<br>133<br>134<br>135<br>136 | -        | $\vdash$ | $\vdash$     | $\vdash$   | -            | -        | Η-       | $\vdash$     | H  |
|     | -         | 135  | $\vdash$ | _        | -            | <del>                                     </del> | $\vdash$     | ├        | -        | ├─           | $\vdash$   |
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|     |           | 130  | -        | $\vdash$ | -            | -  | -            |          | -        | $\vdash$     | $\vdash$   |
|     |           | 137  | ├        |          | ├-           | ├  | -            | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   |
|     |           | 137<br>138<br>139<br>140                             |          | -        | <del> </del> | $\vdash$   | <del> </del> | -        |          | <del> </del> | <del>                                     </del> |
|     |           | 139  |          | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>     | ļ        | _        | ļ            | <u> </u>   |
|     |           | 140  | _        | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>     |          |          |              | _  |
|     |           | 141  |          |          | <u> </u>     | ᆫ  | <u> </u>     |          | <u> </u> |              | _  |
|     |           | 142  |          | L_       | <u> </u>     | <u> </u>   | L_           | <u> </u> | L_       | L_           | <u> </u>   |
|     |           | 143  | <u> </u> |          | _            | _  | <u></u>      | _        |          | <u> </u>     | L  |
|     |           | 144  |          |          |              |  |              |          |          |              |  |
|     |           | 145  |          |          |              | L  |              |          |          |              |  |
|     |           | 146  |          |          |              |  |              |          |          |              |  |
|     |           | 147  |          | Γ        |              |  | Г            |          |          |              |  |
|     |           | 147<br>148   | Π        | Τ        | Г            | Г  |              |          |          |              |  |
|     | <b></b> - | 149  |          |          |              | T  | 1            | T        |          |              |  |
|     | <b></b> - | 150  | Т        | $\vdash$ |              | $\vdash$   | _            |          |          | 1            | <del>                                     </del> |
| :   | Ь         | 130  | Ц        | Щ        | ш            | ь_   |              |          |          | Ь_           |  |